

第31回文化財の保存及び修復に関する国際研究集会報告書 (⑥保06-08-1/1)

2008年2月5日～7日に当研究所セミナー室で開催したシンポジウム「文化財の保存及び修復に関する国際研究集会—文化財を取り巻く環境の調査と対策」の各発表及び討論をまとめ、英語版を刊行した。

“The 31st International Symposium on The Conservation and Restoration of Cultural Property – Study of Environmental Conditions Surrounding Cultural Properties and Their Protective Measures”



Masami Fukuda: Environmental change and conservation of historic remains : In case study of Buddhist cave-temples at Mogao Grottoes, Dunhuang, northwestern China

Isabelle Pallot-Frossard, Geneviève Oriol, Faisal Bousta and Jean-Didier Mertz : Lascaux cave (France) : A difficult problem of conservation

Mancheol Suh : A geotechnical study for conservation of the Muryong Royal Tomb of the Baekje Dynasty, Korea

Takeshi Ishizaki, Sadatoshi Miura, Masahide Inuzuka and Mamoru Mimura : Thermal and moisture characteristics of Takamatsuzuka tumulus mound and its cooling

Vinod Daniel and Steve King : Environmental monitoring as a decision making tool

Geneviève Oriol, Faisal Bousta and Alexandre François : Lascaux cave : monitoring of microbiological activities

Rika Kigawa, Chie Sano, Takeshi Ishizaki, Sadatoshi Miura and Junta Sugiyama : Biological issues in the conservation of mural paintings of Takamatsuzuka and Kitora tumuli in Japan

Junta Sugiyama, Tomohiko Kiyuna, Kwang-Deuk An, Yuka Nagatsuka, Yutaka Handa, Nozomi Tazato, Junko Hata-Tomita, Miyuki Nishijima, Tomomi Koide, Yukio Yaguchi, Rika Kigawa, Chie Sano, and Sadatoshi Miura : Microbiological survey of the stone chambers of Takamatsuzuka and Kitora tumuli, Nara Prefecture, Japan: a milestone in elucidating the cause of biodeterioration of mural paintings

Daisuke Ogura, Masahide Inuzuka, Shu'ichi Hokoi, Takeshi Ishizaki, Hiroyuki Kitahara and Jiro Tarama : Control of temperature and humidity surrounding the stone chamber of Takamatsuzuka tumulus during its dismantlement

Mamoru Mimura and Mitsugu Yoshimura : Geotechnical properties of Takamatsuzuka tumulus and its stability

Mauro Bacci, Andrea Casini, Roberto Olmi and Marcello Picollo : Integrated non-invasive techniques for the diagnosis and conservation of mural paintings and other pictorial works

Yohsei Kohdzuma : Application of the hammering test and acoustic emission technique to stone cultural properties

Rudolf Plagge : Hygrothermal characterization of the Humayun sandstone

John Grunewald : Prediction of mold fungus formation probability on critical building components in residential dwellings

Delphine Lacanette and Philippe Malaurent : Lascaux cave and the climate change